Positioner
Actuators & Positioners
Z203e – Web-based training (External version)

Course duration
1.0 hour, depending on personnel knowledge

Course type
This is a web-based training course. The course includes self-study material and self-assessment questions. The language of the course is English.

Course goal
The goal of this course is to introduce the product basics of the ABB positioners.

The training covers the following topics:
- Technical principles
- Product portfolio & technology
- Applications

Student profile
All ABB stakeholders (customers, universities, partners, …)

Course objectives
Upon completion of this course, students will be able to:
- Define „Aktorik“ and actuators
- Differentiate between electric / pneumatic / hydraulic actuators
- Differentiate between open and closed-loop control
- Define force and torque
- Describe rotary and linear motion in valves
- Describe the duties of a positioner
- Explain the basic principles of explosion protection
- Describe our product portfolio
- Classify the various types of communication
- List the appropriate devices for Ex-protection
- Differentiate types of valve installations of the positioners
- Explain the commissioning and operational mode of the TZIDC product range
- Name the application areas of the positioner
- Describe the different applications
- Make use of the success stories
- Explain long-term and endurance tests

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